DEVELOPMENT (1944) Department

SERIES. (Ms)

G.O. No. Ms. 1528

Dated 3rd April 1944.

[Despatch Abstract.]

Industries - Sericulture - Kollegal Silk Filatures, Kollegal Construction of new gateway and masonry cabin for watchman Expenditure - Sanctioned.

C.F. 32 (a).

G.O. 1528 3-4

Department

Received 25 MAR 1944 Registered

From (Name) A. Khaleeli Esq., I.C.S.,

Designation Director of Industries and Commerce,

Station Chepauk, Madras.

To The Secretary to Government, Development Department.

Enclosures:
one blue print
& an estimate

No. 4226-D/43 dated 19th March 1944

Sir,

Sub:- Industries - Kollegal Silk Filatures, Kollegal - Construction of a new gate way and a masonry cabinet for watchman.

The existing gateway of the Kollegal Silk Filatures is not sufficiently wide to allow free passage for carts and lorries and it is necessary to have it remodelled. It is also necessary to provide a masonry cabin for the gate watchman. I have had estimates prepared by the Industrial Engineer for the construction of a gateway and a cabin as detailed below:

1.	Gate Pillars with a wall 4' high and 10' long at either sides	Rs. 290/-
2.	Wooden gate 16' wide	430/-
3.	Masonry cabin for watchman	180/-
4.	Dismantling the existing gate pillars and walls.	10/-
	Total.	Rs. 910/-

I request that Government may be pleased to accord sanction to the incurring of an expenditure not exceeding Rs.910/- for the purpose.

The expenditure is debitable to "65.A. Capital Outlay on Provincial Schemes connected with War 1939 C. Other ~~EMAK~~ Miscellaneous Schemes - G. Kollegal Silk Filatures, Kollegal 6 Buildings, Plant and machinery and other equipment".

The plans and estimates in respect of the above works are enclosed for the information of Government.

for Director of Industries & Commerce.

MVS/20-3.

CONSTRUCTION OF GATE PILLARS WITH 16 FEET WOODEN G
KOLLEGAL SILK FILATURES. C PLAN. K.S.F

DETAIL OF WORK	QUANTITY OR NUMBER	MEASUREMENTS IN FEET. LENGTH	BREADTH	DEPTH.	AREA OR CONTE
GATE PILLARS.— 1					
1) Earth work excavation foundation in hard stiff clay etc.:—					
Main pillars	2	4-6	4-6	3-0	122
" Small	2	2-0	3-6	3-0	42
" at ends	2	3-6	3-6	3-0	74
Wall	2	9-3	2-0	3-0	111
Total					349
2) Concrete broken stone gelly 1½" size in lime mortar					
Main pillars	2	4-6	4-6	1-6	61
" Small	2	2-0	3-6	1-6	21
" at ends	2	3-6	3-6	1-6	37
Wall	2	9-3	2-0	1-6	56
Total					175
3) Brick work in lime mortar 1:2					
Main pillars foundation & basement	2	3-4½	3-4½	2-6	57
" Small	2	2-0	2-4½	2-6	24
" at ends	2	2-4½	2-4½	2-6	28
Wall	2	10-4½	1-1½	2-6	58
Superstructure - Main pillars ...	2	3-0	3-0	5-6	99
Coping	2	3-4½	3-4½	0-6	11
"	2	3-0	3-0	0-3	5
"	2	2-7½	2-7½	0-3	3
Small pillars	2x2	2-0	2-0	3-3	52
Coping	2x2	1-7½	1-7½	0-6	5
"	2x2	1-7½ / 2	1-7½ / 2	0-3	1
Wall	2	10-9	0-9	3-0	48
					391
4) Plastering with lime mortar 1 Coat ½" thick					
Basement - Main Pillars	2	13-6		1-6	41
Superstructure.					
Coping	2	12-0		5-6	132
	2	13-6		0-10½	24
	2	11-3		0-8¼	15
				c/o.	212

DETAIL OF WORK	QUANTITY OR NUMBER	MEASUREMENT IN FEET. L	B	D	AREA OR CONTENTS
Plastering with lime mortar Coats:				B/F...	212
Top	2	2-7½	2-7½		14
Small pillars Basement and Superstructure	2	6-0		4-9	57
Coping 3 Sides	2	4-10½		0-6	5
Top	2	2-0	2-0		8
at ends Basement & Superstructure	2	8-0		4-9	76
Coping all round	2	6-6		0-6	7
Top	2	2-0	2-0		8
Wall basement	2	10-4½		1-6	31
Superstructure	2	10-9		6-9	144
	Total				562
Deductions - Small pillar at main gate pillar	2	2-4½		1-6	7
Portion of pillars	2	2-0		3-3	13
Coping	2	1-7½		0-7½	2
Portion of wall Superstructure	2x2	1-1½		1-6	7
	2x2	0-9		3-0	9
					38
	Net Total				524

16' Counterwood wooden gate including fixing with iron

Data

Details of work	Numbers	Measurement in feet Length	Breadth	Depth	Contents
Wooden gate.					
Counterwood.					
Horizontal frame top and bottom	2 x 2	8-0.	0-4.	0-3.	2.67
" Centre	2	4-1.	0-3	0-3	0.57
	2	3-8	0-3	0-3	0.46
Verticals.	2 x 2	4-9.	0-4.	0-3	58
" Centre	2	2-8½	0-3	0-3	0.34
Diagonals top	2	1-6	0-3	0-3	0.19
—do— centre	2	6-1.	0-4	0-3	1.01
bottom	2	4-4.	0-4	0-3	0.72
Pickets.	4 x 12	2-8	0-1½ +	0-1¼	1.39
					8.87
		Total			8

		2	3	4	5	6	
	B.F.					205.33	
½ dia bolts 4" long ½" Washers		60	× 0.392	6		23.52	
		60	× 2 3/4			1.65	
			100				
						230.50	
3) Dbt arrangement.		L.S				231	
4) Painting 2 coats wk.			L.S.				
5) Cut stone with grooves							
(a) for rollers and fixed in cement mortar in Concrete – base Cement – Fin cement		2	13.6	1 – 1½	½	20	20 cft
(b) Cut stone 2 lines dressed and fixed in cement mortar 1:3		2	13.6	1 – 0	0 4	9.00	9.00
(c) Extra stone cutters for grooving 1" × ½"						8	8
6) Ornamental works for gate pillars.		L.S					
7) Rebound charges – for iron work						231	231 lb
8) — do — for wood work		4¼ × 16				68	68

Name of work:— Providing Masonry Cabin for Watchman Silk Filatures I Kollegal. — Kollegal.

Details of work.	Number	L	B	D.	Area or Contents
1) Earth work excavating foundations &c. Foundation.	1	7'-0"	6'-3"	2-6	109 cft 110
Total					110
2) Concrete in 1:4:8 stone in lime mortar					
Foundation	1	7'-0	6'-3	1-6	66 or 70 cft.
Total					70
3) Brick work in lime mortar.					
Foundation	1	6'-0	5'-3	1-0	32
Basement	1	5'-0	4'-3	0'-6"	11
Superstructure	1	12'-0	0'-9	6'-6	59
Top of R.C. slab	1	5'-0	4'-3	0'-3	5
Dome	1	3'-6"	3'-6"	0-8 Tal	8
Below R.C. Slab.	1	5'-3	0-4½	1-6	3 less 118 or 120
Total					120 cft.

Data

Name of Work :— Providing Masonry Cabin for Watchman Kollegal Silk Filatures. Kollegal.

Quantity	Particulars of Work.	S.R.	Rate per	Amount	Total
	Data for 3" thick R.C. slab	1 x 6 1/4 x 1/4 = 10.94 C.ft			
10.94 C.ft.	R.C. concrete	1-0 1-9 2/100 C.ft.		11-2	
44 lbs.	Iron Details R.C. work 21 x 7 1/4 = 152 Bwr 19 x 6 = 114 266 x 167 = 4 Cub.	7 5 0	Cwt.	29-7	4
1 lb.	Binding wire (galvanised)	4	Rs.	4	
44 lbs.	Labour for iron including fixing &c	0-1-2	lbs.	3-3	4
10.94 C.ft.	Centering (including labour)	0 1 6	C.ft.	9	3
	Sundries.			1-7	
	Total rate for 10.94 C.ft.			57-12-0	
	∴ for 1 C.ft.			5-4-6	

ABSTRACT ESTIMATE

Kollegal Silk Filatures.

Name of work:- Constructing Gate Pillars with a 16 ft Wooden Hinged Gate in the Entrance Gateway at Kollegal

Quantity	Details of work		Rate per	Amount.	
	I. Gate pillars.				
350 c.ft.	(a) Earth work in excavation foundation in hard stiff clay etc	7 — 8 — 0	1000 c.ft	3 — 0 — 0	
175	(b) Concrete in 1:3:6 stone in lime mortar	36 — 0 — 0	100 c.ft	63 — 0 — 0	
400 c.ft.	(c) Brick work in lime mortar in	38 — 0 — 0	"	152 — 0 — 0	
530 sq.ft.	(d) plastering with lime mortar 1 Coat $\frac{1}{2}$" thick	6 — 0 — 0	100 Sq.ft	32 — 0 — 0	
	Add 19% for increase in price of materials			25 — 0 — 0	
	Contingencies 5%			15 — 0 — 0	
				290 — 0 — 0	290 — 0 — 0

Quantity. Details of work. S# no.

III ; Masonry cwl

110 c/f	1) Earth work excavating foundation etc			1=10 to 1000	
70	2) Concrete work in 1:4:8 in lime mortar	36	15	6	25
120.	3) Brick work in lime mortar	38			4b
12.00 11.	4) R.C slab 3" thick	15	4	0	cub 63
S/ft	5) plastering with cement mortar 1:3 ½" thick	7	1	6	S/ft. 100 16
m.	6) R.C ornamental dome cap				

sub: Industries – Sericulture – Kollegal Silk Filatures, Kollegal –
Construction of new gate way and masonry cabin
for watchman Expenditure – Sanctioned

Ref: From the D.I.C., no. 4226 D/43 d 19-3-44:
Order no. 1628 (HS) Dev. d 3-4-44

The D.I & C. is permitted to incur an expenditure, not exceeding Rs 910/- (Rupees nine hundred and ten only) for the Construction of a new gate way and a masonry Cabin for the watchman, in the premises of the Kollegal Silk Filatures, Kollegal The use of Controlled materials such as iron, teak and Cement / in the Construction work should be restricted to the minimum

2. The expenditure should be debited to "85 A. Capital outlay on Provincial Schemes Connected with the War 1939 – C. other Miscellaneous Schemes – 4. Kollegal Silk Filatures, Kollegal – 6. Buildings Plant and machinery and other equipments"

By order

To Addl-A.S.

For orders whether the Draft order overleaf may now issue

1.4.44 1.4.44

[Issued as G.O.No. 1528-(MS) Dev. dt 3.4.44.]